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Processing method for digital image from e.g. scanner digital camera - involves operating filter calculation circuit of image processor to perform filter calculation process of main signal of attention pixel using image filter with specified effective size

Patent Assignee: DAINIPPON SCREEN SEIZO KK (DNIS)

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Patent Family:

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Priority Applications (No Type Date): JP 9779880 A 19970331

Patent Details:

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JP 10276331	A	9	H04N-001/409	

Abstract (Basic): JP 10276331 A

The method involves operating the average density extraction circuit (10) of an image processor (250) to calculate a predetermined average density value from a pixel group containing an attention pixel and a vicinity pixel. The effective size of an image filter is specified depending on the computed average density value.

The filter calculation process of the main signal of the attention pixel is performed by a filter calculation circuit (40) using the image filter with the specified effective size. A predetermined output signal (S') corresponding to the computed main signal of the attention filter is output by the filter calculation circuit.

ADVANTAGE - Prevents degradation of edge of output image with high resolution, thus suppressing degradation of image quality and preventing generation of moire. Simplifies removal of moire of high or low concentration region when it is generated in output image.

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Derwent Class: T01; W02; W04

International Patent Class (Main): H04N-001/409

International Patent Class (Additional): G06T-005/20